Lenovo

Regulatory Notice V1.0

Lenovo regulatory notice for wireless adapters

This regulatory notice applies for the following Lenovo notebook computers:
- Lenovo B470, Lenovo B570
- Ideapad V370, Ideapad V470, Ideapad V570
- Ideapad Z370, Ideapad Z470, Ideapad Z570

The following wireless adapters are not supported by Lenovo B470 and Lenovo B570:
- AR5B97
- BCM943227HM4L

Read first — regulatory information

Please read this document before you use the Lenovo computer. Lenovo computer complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. You must install and use your computer in strict accordance with the instructions as described hereafter.

You are prohibited to replace or remove the preinstalled Wireless LAN Mini PCI Express Card and the Bluetooth module in your computer, it is not a Customer Replaceable Unit (CRU). If one of your cards requires replacement or repair, Lenovo will request you to send your computer with the preinstalled card(s) to Lenovo so that Lenovo will repair it.

Veuillez lire ce document avant d’utiliser l’ordinateur Lenovo. L’ordinateur Lenovo est conforme aux normes de sécurité et de radiofréquence du pays ou de la région où son utilisation sans fil est agréée. Vous devez installer et utiliser votre ordinateur en respectant scrupuleusement les instructions décrites ci-après.

Vous êtes interdit de remplacer la carte de réseau local sans fil Express mini-PCI et le module Bluetooth qui sont préinstalles dans votre ordinateur, ce ne sont pas des Unités remplaçables par l’utilisateur(CRU). Si l’une de votre carte a besoin d’être remplacée ou reparée, Lenovo va vous demander de lui envoyer votre ordinateur avec des cartes préinstallees, pour qu’il puisse le réparer.

USA — Federal Communications Commission (FCC)

I. Factory preinstalled Wireless LAN/WiMAX module

- FCC ID: QDS-BRCM1050I (Model: BCM94313HMG2L)
- FCC ID: PPD-AR5B95 (Model: AR5B95)
- FCC ID: PD9622ANXHU (Model: 622ANXHMW)
- FCC ID: PD9112BNHU (Model: 112BNHMW)
- FCC ID: PPD-AR5B97 (Model: AR5B97)
- FCC ID: QDS-BRCM1053 (Model: BCM943227HM4L)
- FCC ID: PD9612BNXHU (Model: 612BNXHMW)

Wireless LAN Mini PCI Express Cards marketed in the USA and Canada do not support nor function in the extended channels (12ch, 13ch).

i) The FCC RF Exposure compliance:
The radiated output power of the Wireless LAN/WiMAX Mini PCI Express Card authorized to use for the your Lenovo computer is far below the FCC radio frequency exposure limits. Nevertheless, it shall be used in such a manner that the potential for human contact during normal operation is minimized as follows:

Caution: To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm (8 inches) must be maintained between the antennas for the integrated Wireless LAN/WiMAX Mini PCI Express Cards built into the screen section and all persons. You are not allowed to disable “sleep (standby) mode” for the power management function, if you cannot maintain the sufficient antenna separation (at least 20 cm) in any case the LCD is left opened or closed.

Note: The transmission diversity function is implemented for this product. For WLAN card (Model: AR5B95, AR5B97, 622ANXHMW, 612BNXHMW, BCM943227HM4L, 112BNHMW, BCM94313HMG2L) using Main and Auxiliary antennas for transmission in the IEEE 802.11 b/g transmission mode, radio frequency energy is not emitted simultaneously from both Main and Auxiliary antennas. One of the antennas is selected automatically or manually (by users) to have good quality of radiocommunication (transmission diversity function). For WLAN cards AR5B95, AR5B97, 622ANXHMW, 612BNXHMW, BCM943227HM4L, 112BNHMW, BCM94313HMG2L in the IEEE 802.11 a/b/g, or MIMO (Multiple In Multiple Out) transmission mode, the radio frequency energy is emitted from Main antenna.

ii) FCC ID of wireless module:
On the bottom side of your Lenovo computer, you will find an indicator label of the format “Contains Transmitter Module: FCC ID XXXX”, where XXXX represents the FCC ID that corresponds to your preinstalled Wireless LAN/WiMax module.

iii) Radio Frequency interference requirements:
- The devices have been tested and found to comply with the limits for a Class B digital device pursuant to FCC Part 15 Subpart B. Refer to “Electronic emission notices” on page 5. The models AR5B95, AR5B97, 622ANXHMW, 612BNXHMW, BCM943227HM4L, 112BNHMW, BCM94313HMG2L underwent the certification process with each respective FCC ID number listed in “I. Factory preinstalled Wireless LAN/WiMAX module” on page 1.
- Each device is restricted to indoor use due to its operation in the 5.15 to 5.25 GHz frequency range. FCC requires these products to be used indoors for the frequency range 5.15 to 5.25 GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems.
- High power radar are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this device.

II. Preinstalled integrated *Bluetooth* module

- FCC ID: QDS-BRCM1043 (Model: BCM92070MD_REF)

i) FCC ID and installation of the module:
If you find an indication “Contains Transmitter Module: FCC ID: QDS-BRCM1043 on the label at the bottom side of your computer, your computer contains the Bluetooth transmitter module (Model: BCM92070MD_REF). The *Bluetooth* module is preinstalled by Lenovo, and is not removable by users.

ii) The FCC RF safety requirement:
The radiated output power of the *Bluetooth* module is far below the FCC radio frequency exposure limits. Therefore, a 20 cm of separation between the *Bluetooth* antenna and human body is not required.

iii) Radio Frequency interference requirements:
The device has been tested and found to comply with the limits for both a Class B digital device regarding FCC Part 15 Subpart B and an intentional radiator regarding FCC Part 15 Subpart C; then it underwent the certification processes for both rules. Thus the FCC ID: QDS-BRCM1043 of this device includes both certifications of Part 15 Subpart B and C/E.

III. Simultaneous use of RF transmitters

Your Lenovo computer is approved for simultaneous use of the transmitters listed below:
- Wireless LAN adapter (FCC ID: QDS-BRCM1050I, PPD-AR5B95, PD9622ANXHU, PD9112BNHU, PPD-AR5B97, QDS-BRCM1053, PD9612BNXHU).
- *Bluetooth* module FCC ID: QDS-BRCM1043 (Model: BCM92070MD_REF)

Please make sure of the following conditions on use of these wireless features:
1. When you use any other RF option device, all other wireless features including the above integrated devices in your Lenovo computer are required to be turned off.
2. Users must follow the RF Safety instructions on wireless option devices that are included in the RF option device’s user’s manual.

Canada — Industry Canada (IC)

IC Certification number

I) Factory preinstalled Wireless LAN modules:

- IC: 4324A-BRCM1050 (Model: BCM94313HMG2L)
- IC: 4104A-AR5B95 (Model: AR5B95)
- IC: 1000M-112BNHU (Model: 112BNHMW)
- IC: 4324A-BRCM1053 (Model: BCM943227HM4L)
- IC: 4104A-AR5B97 (Model: AR5B97)

Wireless LAN Mini PCI Express Cards marketed in the USA and Canada do not support nor function in the extended channels (12ch, 13ch).

There is no certification number of Industry Canada for Mini PCI Express Card shown on the enclosure of your Lenovo computer. Instead you will find an indicator label pointing to the location of the IC Certification number on the bottom side of your Lenovo computer. This label will be of the format “Contains Transmitter Module: Canada IC: XXXX”, where XXXX represents the IC ID that corresponds to your preinstalled WLAN module.

II) Preinstalled integrated *Bluetooth* module:

- IC: 4324A-BRCM1043 (Model: BCM92070MD_REF)

If you find an indication “Contains Transmitter Module: Canada IC:
4324A-BRCM1043 on the label at the bottom side of your computer, your computer integrates the *Bluetooth* transmitter module. The *Bluetooth* module is preinstalled by Lenovo, and is not removable by users.

III) Low power license-exempt radiocommunication devices (RSS-210):
Operation is subject to the following two conditions:
1. This device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

The transmitter devices have been designed to operate with the antennas integrated in Lenovo computer, and having a maximum gain of within 3 dBi.

The maximum antenna gain permitted for devices in the 5250-5350 MHz, 5470-5725 MHz, and 5725-5825 MHz bands complies with the e.i.r.p. limit in section A9.2 of RSS-210.

IV) Exposure of humans to RF fields (RSS-102):
Lenovo computers employ low gain integral antennas that do not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada’s Web site at www.hc-sc.gc.ca/rpb

The radiated energy from the antennas connected to the wireless adapters conforms to the IC limit of the RF exposure requirement regarding IC RSS-102, Issue 2 clause 4.2.

Numéro d’homologation IC

I) Modules de réseaux local sans fil pré-installé à l’usine:

- IC: 4324A-BRCM1050 (Model: BCM94313HMG2L)
- IC: 4104A-AR5B95 (Model: AR5B95)
- IC: 4104A-AR5B97 (Model: AR5B97)
- IC: 1000M-112BNHU (Model: 112BNHMW)
- IC: 4324A-BRCM1053 (Model: BCM943227HM4L)

Les cartes de réseau local sans fil Express mini-PCI commercialisées aux Etats-Unis et au Canada ne prennent pas en charge les canaux étendus (12ch, 13ch) et ne fonctionnent donc pas sur de tels canaux.

Le boîtier de votre ordinateur Lenovo ne comporte pas de numéro d’homologation IC (Industry Canada) pour la carte mini-PCI Express ; mais sous votre Lenovo, vous trouverez une étiquette indicatrice pointant vers l’emplacement du numéro d’homologation IC. L’étiquette se présente sous la forme “Contains Transmitter Module: Canada IC: XXXX” où XXXX représente l’ID IC qui correspond au module WLAN préinstallé.

II) Module *Bluetooth* intégré préinstallé:

- IC: 4324A-BRCM1043 (Modèle: BCM92070MD_REF)

Si la mention “Contains Transmitter Module: Canada IC: 4324A-BRCM1043” figure sur l’étiquette située au bas de votre ordinateur, cela signifie que ce dernier intègre le module de transmission *Bluetooth*. Le module *Bluetooth* est préinstallé par Lenovo et ne peut pas être retiré par les utilisateurs.

III) Remarque relative aux appareils de communication radio de faible puissance sans licence (CNR-210):
Le fonctionnement de ce type d’appareil est soumis aux deux conditions suivantes:
1. Cet appareil ne doit pas perturber les communications radio, et
2. cet appareil doit supporter toute perturbation, y compris les perturbations qui pourraient provoquer son dysfonctionnement.

Les périphériques d’émission sont conçus pour fonctionner avec des antennes intégrées aux Lenovo et ayant un gain maximal de moins de 3 dBi.
Le gain d’antenne maximal pour les périphériques dans les bandes de fréquence 5250-5350 MHz, 5470-5725 MHz, et 5725-5825 MHz est conforme à la limite p.i.r.e énoncée dans la section A9.2 de la CNR-210.

IV) Exposition des êtres humains aux champs radioélectriques (RF) (CNR-102):
L’ordinateur Lenovo utilise des antennes intégrales à faible gain qui n’émettent pas un champ électromagnétique supérieur aux normes imposées par le Ministére de la santé canadien pour la population. Consultez le Safety Code 6 sur le site Web du Ministére de la santé canadien à l’adresse “www.hc-sc.gc.ca/rpb”.

L’énergie émise par les antennes reliées aux adaptateurs sans fil respecte la limite d’exposition aux radiofréquences telle que définie par Industrie Canada dans la clause 4.2 du document CNR-102.

Electronic emission notices

Federal Communications Commission (FCC) Statement

Note: The compliance of the FCC Part 15 Subpart B for Models: AR5B95, AR5B97, BCM94313HMG2L, 622ANXHMW, 112BNHMW, 612BNXHMW, BCM943227HM4L was proceeded by certification, thus the FCC ID: PPD-AR5B95, PPD-AR5B97, QDS-BRCM1050I, PD9622ANXHU, PD9112BNHU, QDS-BRCM1053, respectively include both compliances of Part 15 Subpart B and C/E.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an authorized dealer or service representative for help.

Lenovo is not responsible for any radio or television interference caused by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user’s authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:
    Lenovo (United States) Incorporated
    1009 Think Place - Building One
    Morrisville, NC 27560
    Telephone: 1-919-294-5900

Industry Canada Class B Emission Compliance Statement
This Class B digital apparatus complies with Canadian ICES-003.

Avis de conformité à la réglementation d’Industrie Canada
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Europe — EU Declaration of Conformity

Products intended for sale within the European Union are marked with the Conformité Européenne (CE) Marking, which indicates compliance with the applicable Directives and European Norms, and amendments, identified below.

For model: BCM94313HMG2L

CE 0984 ⓘ

For model: BCM92070MD_REF

CE 0984

For model: AR5B95

CE ⓘ

For model: AR5B97

CE ⓘ

For model: BCM943227HM4L

CE 2155 ⓘ

For model: 112BNHMW

CE 1856 ⓘ

For model: 622ANXHMW

CE 1856 ⓘ

For model: 612BNXHMW

CE 1856 ⓘ

English

Hereby, Lenovo® (Singapore) Pte. Ltd., declares that the modem and wireless equipment listed in this section are in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

EU Frequency band restriction for a wireless LAN Mini PCI Express Card

- This device is restricted to indoor use in the band 2454 to 2483.5 MHz in France.
- Usage of this device is limited to indoor in the band 5150 to 5350 MHz (channels 36, 40, 44, 48, 52, 56, 60, 64).

Bulgarian

С настоящето Lenovo (Singapore) Pte. Ltd. декларира, че модемът и безжичното обурудване, посочени в този раздел, са в съответствие с основните изисквания и другите уместни условия на Директива 1999/5/ЕС.

Ограничение на честотна лента в ЕС за безжична LAN Mini PCI Express Card

- Това устройство е ограничено за употреба на закрито в честотната лента от 2454 до 2483,5 MHz във Франция.
- Употребата на това устройство е ограничена на закрито в диапазона от 5150 до 5350 Mhz (канали 36, 40, 44, 48, 52, 56, 60, 64).

Czech

Lenovo (Singapore) Pte. Ltd. tímto prohlašuje, že modem a bezdrátová zařízení uvedené v této části jsou ve shodě se základními požadavky a dalšími relevantními ustanoveními směrnice 1999/5/EC.

Omezení EU pro frekvenční pásma bezdrátové síťové karty LAN Mini PCI Express

- Použití zařízení je ve Francii omezeno na vnitřní prostory a frekvenční pásmo 2454 až 2483,5 MHz.
- Použití zařízení je omezeno na vnitřní prostory a frekvenční pásmo 5150 až 5350 Mhz (kanály 36, 40, 44, 48, 52, 56, 60, 64).

Danish

Lenovo (Singapore) Pte. Ltd. erklærer hermed, at modem og trådløst udstyr, der er nævnt i dette afsnit, overholder de væsentlige krav og andre relevante bestemmelser i EU-direktiv 1999/5/EC.

Restriktioner for frekvensbånd i EU for Mini PCI Express-kort til trådløst LAN

- I Frankrig må denne enhed kun bruges indendørs i frekvensbåndet 2454 til 2483,5 MHz.
- Brug af denne enhed er begrænset til indendørs brug i frekvensbåndet 5150 til 5350 MHz (kanal 36, 40, 44, 48, 52, 56, 60, 64).

German

Hiermit erklärt Lenovo (Singapur) Pte. Ltd., dass der Modem und die drahtlosen Geräte, die in diesem Abschnitt aufgeführt sind, die Voraussetzungen und andere relevanten Richtlinien der Direktive 1999/5/EC erfüllen.

EU-Frequenzbandeinschränkung für eine Wireless LAN Mini-PCI-ExpressCard

- Dieses Gerät ist in Frankreich für die Verwendung im Innenbereich im Frequenzband von 2.454 bis 2.483,5 konzipiert.
- Die Verwendung dieses Geräts ist im Innenbereich auf das Frequenzband von 5.150 bis 5.350 MHz (Kanäle 36, 40, 44, 48, 52, 56, 60, 64) beschränkt.

Estonian

Lenovo (Singapore) Pte. Ltd. kinnitab selles jaotises nimetatud modemi ja traadita side seadmete vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele muudele asjakohastele sätetele.

EL-i sagedusvahemiku piirang raadiokohtvõrgu mini-PCI-ekspresskaardi kohta

- Seade on Prantsusmaal lubatud kasutamiseks siseruumides sagedusalas 2454–2483,5 MHz.
- Seadet on lubatud kasutada siseruumides sagedusalas 5150–5350 MHz (kanalid 36, 40, 44, 48, 52, 56, 60, 64).

Spanish

En este documento, Lenovo (Singapore) Pte. Ltd., declara que el módem y el equipo inalámbrico que aparecen en esta sección cumplen los requisitos esenciales y otras exigencias relevantes de la Directiva 1999/5/EC.

Restricción de banda de frecuencia de la UE para una Tarjeta Express Mini PCI de LAN inalámbrica

- Este dispositivo está diseñado para ser utilizado en interiores en la banda de 2454 a 2483,5 MHz en Francia.
- La utilización de este dispositivo está limitada a interiores en la banda de 5150 a 5350 MHz (canales 36, 40, 44, 48, 52, 56, 60, 64).

Greek

Η Lenovo (Singapore) Pte. Ltd. δηλώνει με την παρούσα ότι το modem και ο εξοπλισμός ασύρματης σύνδεσης που αναφέρονται σε αυτή την ενότητα συμμορφώνονται με τις ουσιώδεις απαιτήσεις και άλλες σχετικές διατάξεις της Οδηγίας 1999/5/EC της Ευρωπαϊκής Ένωσης.

Περιορισμός εύρους συχνοτήτων στην ΕΕ για LAN Mini PCI Express Card ασύρματης σύνδεσης

- Η χρήση αυτής της συσκευής περιορίζεται σε εσωτερικούς χώρους, στο εύρος συχνοτήτων 2454 - 2483,5 MHz στη Γαλλία.
- Η χρήση αυτής της συσκευής περιορίζεται σε εσωτερικούς χώρους, στο εύρος συχνοτήτων 5150 - 5350 MHz (κανάλια 36, 40, 44, 48, 52, 56, 60, 64).

French

Par la présente, Lenovo (Singapore) Pte. Ltd. déclare que le modem et le matériel sans fil répertoriés dans cette section sont conformes aux exigences essentielles ainsi qu’aux autres dispositions applicables de la Directive 1999/5/CE.

Restriction liée à la bande de fréquence pour une carte mini-PCI Express pour réseau local sans fil au sein de l’Union Européenne

- En France, ce périphérique est destiné à être utilisé uniquement à l’intérieur, dans la bande de fréquence de 2454 à 2483,5 MHz.
- Ce périphérique doit être utilisé exclusivement à l’intérieur, dans la bande de fréquence de 5150 à 5350 MHz (canaux 36, 40, 44, 48, 52, 56, 60, 64).

Icelandic

Hér með lýsir Lenovo (Singapore) Pte. Ltd. því yfir að mótaldið og þráðlausi búnaðurinn sem getið er í þessum hluta uppfylla allar kröfur og önnnur viðkomandi ákvæði tilskipunar 1999/5/EC.

ESB Takmarkanir á tíðnisviði þráðlauss LAN Mini PCI staðarnetkorts

- Í Frakklandi er þetta tæki eingöngu ætlað til notkunar innanhúss á tíðnisviðinu 2454 til 2483,5 MHz.
- Notkun þessa tækis er takmörkuð við innanhússnotkun á tíðnisviðinu 5150 til 5350 MHz (rásir 36, 40, 44, 48, 52, 56, 60, 64).

Italian

Hereby, Lenovo (Singapore) Pte. Ltd., dichiara che l'equipaggiamento modem e wireless elencato in questa sezione è conforme ai requisiti essenziali e ad altre disposizioni rilevanti della direttiva 1999/5/EC.

Restrizioni UE sulla banda di frequenza per una scheda wireless LAN Mini PCI Express

- In Francia questo dispositivo è destinato all'utilizzo in ambienti chiusi nella banda di frequenza compresa tra 2454 e 2483,5 MHz.
- L'utilizzo di questo dispositivo è limitato ad ambienti chiusi in banda compresa tra 5150 e 5350 MHz (canali 36, 40, 44, 48, 52, 56, 60, 64).

Latvian

Ar šo uzņēmums Lenovo (Singapūra) Pte. Ltd. paziņo, ka modems un bezvadu aparatūra, kas minēta šajā sadaļā, atbilst Direktīvas 1999/5/EK pamatprasībām un citiem ar to saistītajiem noteikumiem.

ES frekvenču joslas ierobežojums bezvadu LAN Mini PCI Express kartei

- Šī ierīce Francijā ir paredzēta izmantošanai telpās joslās no 2454 līdz 2483,5 MHz.
- Šī ierīce ir paredzēta izmantošanai iekštelpās joslās no 5150 līdz 5350 MHz (kanālos 36, 40, 44, 48, 52, 56, 60, 64).

Lithuanian

Šiuo, „Lenovo (Singapore) Pte. Ltd.“, pareiškia, kad šiame skyriuje nurodytas modemas ir belaidė įranga atitinka svarbiausius 1999/5/EB direktyvos reikalavimus ir kitas susijusias nuostatas.

Belaidžio „LAN Mini PCI Express Card“ ES dažnių diapazono apribojimas

- Šis įrenginys skirtas naudoti patalpose, Prancūzijos dažnių diapazone nuo 2454 iki 2483,5 MHz.
- Šio prietaiso veikimas patalpoje ribojamas dažnių diapazone nuo 5150 iki 5350 MHz (kanalai: 36, 40, 44, 48, 52, 56, 60, 64).

Dutch

Hierbij verklaart Lenovo (Singapore) Pte. Ltd., dat de modem en draadloze apparatuur die in dit gedeelte worden genoemd, voldoen aan de essentiële vereisten en andere relevante bepalingen van Directive 1999/5/EC.

EU-beperking van frequentieband voor een draadloze LAN Mini PCI Express Card

- Gebruik van dit apparaat is in Frankrijk beperkt tot binnenshuis gebruik in de band van 2454 tot 2483,5 MHz.
- Gebruik van dit apparaat is beperkt tot binnenshuis gebruik in de band van 5150 tot 5350 MHz (kanalen 36, 40, 44, 48, 52, 56, 60, 64).

Norwegian

Lenovo (Singapore) Pte. Ltd. erklærer herved at modemet og det trådløse utstyret er i samsvar med de viktigste kravene og andre relevante bestemmelser i EU-direktiv 1999/5/EØF.

Begrensinger for frekvensbånd i EU for et Mini PCI Express-kort for trådløst lokalnett (LAN)

- Denne enheten er beregnet på innendørs bruk i frekvensbåndet 2454 til 2483,5 MHz i Frankrike.
- Denne enheten er begrenset til innendørs bruk i frekvensbåndet 5150 til 5350 MHz (kanal 36, 40, 44, 48, 52, 56, 60, 64).

Hungarian

A Lenovo (Szingapúr) Pte. Ltd. ezúton is kijelenti, hogy a modem és az itt feltüntetett rádiós eszköz megfelel az 1999/5/EC direktívában megfogalmazott alapvető követelményeknek és vonatkozó ajánlásoknak.

EU frekvencia-sáv korlátozás a vezetéknéküli LAN Mini PCI Express kártyához

- Franciaországba az eszköz használata beltérre korlátozódik a 2454 - 2483,5 MHz tartományban.
- Az eszköz használata beltérre korlátozódik az 5150 - 5350 Mhz tartományban (36, 40, 44, 48, 52, 56, 60, 64 csatornák).

Polish

Lenovo (Singapore) Pte. Ltd. deklaruje niniejszym, że modem i urządzenia bezprzewodowe wymienione w tej sekcji są zgodne z zasadniczymi wymaganiami i postanowieniami dyrektywy 1999/5/EC.

Ograniczenia dotyczące pasm częstotliwości w UE dla karty Mini-PCI Express bezprzewodowej sieci LAN:

- We Francji urządzenie to jest przeznaczone do używania wyłącznie wewnątrz budynków, w pasmach częstotliwości 2454 do 2483,5 MHz.
- Urządzenie jest przeznaczone do używania wewnątrz budynków, w pasmach częstotliwości 5,15 do 5,35 GHz (kanały 36, 40, 44, 48, 52, 56, 60 i 64).

Portuguese

A Lenovo (Singapore) Pte. Ltd., declara por este meio que o modem e o equipamento sem fios listado nesta secção se encontram em conformidade com os requisitos essenciais e com outras provisões relevantes da Directiva 1999/5/EC.

Restrição de frequência de bandas da EU para placas Mini PCI Express Card de rede local sem fios

- Na França, este dispositivo destina-se apenas a utilização no interior na banda de 2454 a 2483,5 MHz.
- A utilização deste dispositivo está limitada à utilização no interior, na banda de 5150 a 5350 MHz (canais 36, 40, 44, 48, 52, 56, 60, 64).

Romanian

Prin aceasta, Lenovo (Singapore) Pte. Ltd., declară că modemul şi echipamentul wireless prezentate în această secţiune respectă cerinţele esenţiale şi celelalte prevederi pertinente ale Directivei 1999/5/EC.

Restricţiile UE privind banda de frecvenţă pentru un dispozitiv wireless LAN Mini PCI Express Card

- În Franţa, acest dispozitiv este restricţionat la utilizarea în spaţii interioare, în banda 2454-2483,5 MHz.
- Utilizarea acestui dispozitiv este limitată la spaţiile interioare, în banda 5150-5350 Mhz (canalele 36, 40, 44, 48, 52, 56, 60, 64).

Slovenian

S tem Lenovo (Singapore) Pte. Ltd., izjavlja, da modem in brezžična oprema, opisana v tem razdelku, ustrezata bistvenim zahtevam in drugim določbam smernice 1999/5/EC.

Omejitev frekvenčnega pasu v EU za brezžično kartico LAN Mini PCI Express Card

- Ta naprava je v Franciji omejena na hišno uporabo v pasu od 2454 do 2483,5 MHz.
- Ta naprava je omejena na hišno uporabo v pasu od 5150 do 5350 Mhz (kanali 36, 40, 44, 48, 52, 56, 60, 64).

Slovakian

Týmto spoločnosť Lenovo (Singapore) Pte. Ltd. prehlasuje, že modem a bezdrôtové zariadenia uvedené v tejto časti sú v súlade s nevyhnutnými kritériami a inými príslušnými požiadavkami Smernice 1999/5/EC.

Obmedzenie frekvenčného pásma pre bezdrôtové adaptéry Wireless LAN Mini PCI Express Card v rámci EÚ

- Použitie tohto zariadenia je obmedzené na použitie v interiéroch v pásme 2 454 až 2 483,5 MHz vo Francúzsku.
- Použitie tohto zariadenia je obmedzené na použitie v interiéroch v pásme 5 150 až 5 350 Mhz (kanály 36, 40, 44, 48, 52, 56, 60, 64).

Finnish

Lenovo (Singapore) Pte. Ltd. ilmoittaa täten, että tässä jaksossa mainittu modeemi ja langaton laitteisto ovat direktiivin 1999/5/EY pakollisten vaatimusten ja direktiivin muiden asiaankuuluvien määräysten mukaiset.

Taajuusalueita koskeva Euroopan unionin asettama rajoitus Wireless LAN Mini PCI Express -kortille

- Ranskassa tämä laite on tarkoitettu käytettäväksi sisätiloissa taajuusalueella 2454 - 2483,5 MHz.
- Tämä laite on tarkoitettu käytettäväksi sisätiloissa taajuusalueella 5150 - 5320 MHz (kanavat 36, 40, 44, 48, 52, 56, 60 ja 64).

Swedish

Härmed intygar Lenovo (Singapore) Pte. Ltd att det modem och den trådlösa utrustning som anges i detta avsnitt överensstämmer med väsentliga krav och andra relevanta bestämmelser i direktiv 1999/5/EG.

Frekvensområdesbegränsning inom EU för ett PCI Express-minikort för radio-LAN

- I Frankrike är enheten avsedd för inomhusbruk i frekvensområdet 2454 till 2483,5 MHz.
- Enheten är avsedd för inomhusbruk i frekvensområdet 5150 till 5350 MHz (kanal 36, 40, 44, 48, 52, 56, 60, 64).

For model: BCM92070MD_REF

Mathilda Place, Sunnyvale, CA 94086. Tel: 408 543 3300, Fax 408 543 3399

Declaration of Conformity

We

Broadcom Corporation
190 Mathilda Place
Sunnyvale, CA 94086
USA

Contact: Daniel Lawless
Tel: +1 408 922 5870
Fax: +1 408 543 3399

Hereby declare under our sole responsibility that the product:

Product Name: Broadcom Bluetooth Transceiver Module
Model No: BCM92070MD_REF

To which this declaration relates, is in conformity with the following standards and/or other normative documents:

EN 300 328 V1.7.1 (2006-10)
EN 301 489-17 V2.1.1 (2009-05)
EN 60950-1:2006 + A11: 2009
EN50371: 2002

We hereby declare that all essential radio test suites have been carried out and that the above named product is in conformity with all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10(5) and detailed in Annex IV of Directive 1999/5/EC has been followed with the involvement of the following Conformity Assessment Body:

Compliance Certification Services (ID# 0984)

June 21, 2010

Daniel Lawless
Senior Manager, Compliance Engineering
Broadcom Corporation

For model: BCM94313HMG2L

Mathilda Place, Sunnyvale, CA 94086. Tel: 408 543 3300, Fax 408 543 3399

Declaration of Conformity

We

Broadcom Corporation
190 Mathilda Place
Sunnyvale, CA 94086
USA

Hereby declare under our sole responsibility that the product:

Product Name:	Broadcom 802.11g/Draft 802.11n WLAN PCI-E Mini Card
Model No:	BCM94313HMG2L

To which this declaration relates, is in conformity with the following standards and/or other normative documents:

EN 300 328 V1.7.1 (2006-10)
EN 301 489-17 V2.1.1 (2009-05)
EN 60950-1:2006 + A11: 2009
EN 62311: 2008

We hereby declare that all essential radio test suites have been carried out and that the above named product is in conformity with all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10(5) and detailed in Annex IV of Directive 1999/5/EC has been followed with the involvement of the following Conformity Assessment Body:

Compliance Certification Services (ID# 0984)

July 21, 2010

Daniel Lawless
Senior Manager, Compliance Engineering
Broadcom Corporation

For model: AR5B95

Declaration of Conformity

We, the undersigned,

Company	Atheros Communications, Inc.
Address, City	5480 Great America Parkway, Santa Clara, CA 95054
Country	U.S.A.
Phone number	1-408-773-5200
Fax number	1-408-773-9940

certify and declare under our sole responsibility that the following equipment:

Product description / Intended use	802.11n Wireless LAN PCIe Minicard
EU / EFTA member states intended for use	All Member Countries
Member states with restrictive use	See Enclosed User Instructions Regarding operation in 2.4GHz bands
Manufacturer	HON HAI Precision IND.CO.,LTD..
Type	AR5B95

is tested to and conforms with the essential requirements for protection of health and the safety of the user and any other person and Electromagnetic Compatibility, as included in following standards:

Standard	Issue date
EN 301 489-17	Version 2.1.1
EN 60950-1	2006 + A11 : 2009
EN 50385	2002

and is tested to and conforms with the essential radio test suites so that it effectively uses the frequency spectrum allocated to terrestrial/space radio communication and orbital resources so to as to avoid harmful interference, as included in following standards:

Standard	Issue date
EN 300 328	Version 1.7.1

and therefore complies with the essential requirements and provisions of the **Directive 1999/5/EC** of the European Parliament and of the council of March 9, 1999 on Radio equipment and Telecommunications Terminal Equipment and the mutual recognition of their conformity and with the provisions of Annex IV (Conformity Assessment procedure referred to in article 10). The device complies with the RF Exposure Requirement **1999/519/EC, COUNCIL RECOMMENDATION** of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz).

The technical documentation as required by the Conformity Assessment procedure is kept at the following address:

Company	Atheros GmbH
Address, City	Braunschweiger Str. 8, 45886 Gelsenkirchen
Country	Germany
Phone number	+49-209-1550955
Fax number	+49 209 1550956
Contact	Peter Grabienski
Email	Peter.Grabienski@Atheros.com

Technical File ref. nr.	AR5B95
Drawn up in	Santa Clara
Date	8 Sep 2010
Michael Green	
Name and position	Michael Green, Manager Global Product Compliance

Atheros Communications, Inc. 5480 Great America Parkway Santa Clara CA 95054
t 408 773 5200 f 408-773-9940 www.atheros.com

For model: AR5B97

Declaration of Conformity

We, the undersigned,

Company	Atheros Communications, Inc.
Address, City	5480 Great America Parkway, Santa Clara, CA 95054
Country	U.S.A.
Phone number	1-408-773-5200
Fax number	1-408-773-9940

certify and declare under our sole responsibility that the following equipment:

Product description / Intended use	802.11n Wireless LAN PCIe Minicard
EU / EFTA member states intended for use	All Member Countries
Member states with restrictive use	See Enclosed User Instructions Regarding operation
Manufacturer	HON HAI Precision IND.CO.,LTD.
Type	AR5B97

is tested to and conforms with the essential requirements for protection of health and the safety of the user and any other person and Electromagnetic Compatibility, as included in following standards:

Standard	Issue date
EN 301 489-17	Version 1.2.1
EN 60950-1	2006 + A11 : 2009
EN50385	2002

and is tested to and conforms with the essential radio test suites so that it effectively uses the frequency spectrum allocated to terrestrial/space radio communication and orbital resources so to as to avoid harmful interference, as included in following standards:

Standard	Issue date
EN 300 328	Version 1.7.1

and therefore complies with the essential requirements and provisions of the **Directive 1999/5/EC** of the European Parliament and of the council of March 9, 1999 on Radio equipment and Telecommunications Terminal Equipment and the mutual recognition of their conformity and with the provisions of Annex IV (Conformity Assessment procedure referred to in article 10). The device complies with the RF Exposure Requirement **1999/519/EC, COUNCIL RECOMMENDATION** of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz).

The technical documentation as required by the Conformity Assessment procedure is kept at the following address:

Company	Atheros GmbH
Address, City	Braunschweiger Str. 8, 45886 Gelsenkirchen
Country	Germany
Phone number	+49-209-1550955
Fax number	+49 209 1550956
Contact	Peter Grabienski
Email	Peter.Grabienski@Atheros.com

Technical File ref. nr.	AR5B97
Drawn up in	Santa Clara
Date	10 Sep 2010
Michael Green	
Name and position	Michael Green, Manager Global Product Compliance

Atheros Communications, Inc. 5480 Great America Parkway Santa Clara CA 95054
t 408 773 5200 f 408-773-9940 www.atheros.com

For model: 612BNXHMW

Declaration of Conformity (1999/5/EC)

We, **INTEL CORPORATION SAS**
Address: Les Taissounières B3, 1681 route des Dolines – BP 293
06905 – Sophia Antipolis, France

declare under our sole responsibility that the product:
- Name: **Intel® Centrino® Wireless-N + WiMAX 6150**
- Model: **612BNXHMW**

to which this declaration relates, is in compliance with all the applicable essential requirements, and other provisions of the European Council Directive:

1999/5/EC	Radio and Telecommunications Terminal Equipment Directive (R&TTE)

The conformity assessment procedure used for this declaration is Annex IV of this Directive

This product will bear the CE Mark label CE 1856 !

Product compliance has been demonstrated on the basis of:

- IEC 60950-1 - EN 62311	For article 3.1(a) : Health and Safety of the User
- EN 301 489-1 - EN 301 489-17	For article 3.1(b) : Electromagnetic Compatibility
- EN 300 328 - EN 302 544-2	For article 3.2 : Effective use of the spectrum allocated

The technical construction file is kept available at:

INTEL CORPORATION SAS
Branch Office: 1681 route des Dolines,
06905 – Sophia-Antipolis, France

Authorized Signature by

Date: 15 October 2010

Gilles Catala,
Regulatory Manager
Intel Mobile Wireless Group

Intel Corporation
1681, Rte des Dolines
LES TAISSOUNIÈRES - B.P. 293
06905 SOPHIA ANTIPOLIS
Tél. : 04 93 00 14 00
Fax : 04 93 00 14 01
SIRET 302 456 199 00074

For model: 112BNHMW

Declaration of Conformity (1999/5/EC)

We, **INTEL CORPORATION SAS**
Address: Les Taissounières B3, 1681 route des Dolines – BP 293
06905 – Sophia Antipolis, France

declare under our sole responsibility that the product:
- Name: **Intel® WiFi Link 1000**
- Model: **112BNHMW**

to which this declaration relates, is in compliance with all the applicable essential requirements, and other provisions of the European Council Directive:

1999/5/EC	Radio and Telecommunications Terminal Equipment Directive (R&TTE)

The conformity assessment procedure used for this declaration is Annex IV of this Directive

This product will bear the CE Mark label CE 1856 !

Product compliance has been demonstrated on the basis of:

- IEC 60950-1:2005 (2nd Edition), and EN 60950-1:2006 - Council Recommendation 1999/519/EC of 12 July 1999 on the limitation of exposure to the general public to electromagnetic fields (0Hz to 300GHz) based on SAR measurements (Table 1 basic restrictions)	For article 3.1(a) : Health and Safety of the User
- EN 301 489-1 V1.8.1 - EN 301 489-17 V1.3.2	For article 3.1(b) : Electromagnetic Compatibility
- EN 300 328 V1.7.1 (2006-10)	For article 3.2 : Effective use of the spectrum allocated

The technical construction file is kept available at:

INTEL CORPORATION SAS
Branch Office: 1681 route des Dolines,
06905 - Sophia Antipolis, France

Authorized Signature by

Date: 4 June 2010

Gilles Catala,
Regulatory Manager
Intel Mobile Wireless Group

For model: 622ANXHMW

Declaration of Conformity (1999/5/EC)

We, **INTEL CORPORATION SAS**
Address: Les Taissounières B3, 1681 route des Dolines – BP 293
06905 – Sophia Antipolis, France

declare under our sole responsibility that the product:
- Name: **Intel® Centrino® Advanced-N + WiMAX 6250**
- Model: **622ANXHMW**

to which this declaration relates, is in compliance with all the applicable essential requirements, and other provisions of the European Council Directive:

1999/5/EC	Radio and Telecommunications Terminal Equipment Directive (R&TTE)

The conformity assessment procedure used for this declaration is Annex IV of this Directive

This product will bear the CE Mark label CE 1856 !

Product compliance has been demonstrated on the basis of:

Standards	Article
- IEC 60950-1:2005 (2nd Edition), and EN 60950-1: 2006 - EN 62311:2008	For article 3.1(a) : Health and Safety of the User
- EN 301 489-1 V1.8.1 - EN 301 489-17 V1.3.2	For article 3.1(b) : Electromagnetic Compatibility
- EN 300 328 V1.7.1 (2006-10) - EN 301 893 V1.5.1 (2008-12) - EN 302 544-2 V1.1.1 (2009-01) - EN 302 623 V1.1.1 (2009-01)	For article 3.2 : Effective use of the spectrum allocated

The technical construction file is kept available at:

INTEL CORPORATION SAS
Branch Office: 1681 route des Dolines,
06905 - Sophia Antipolis, France

Authorized Signature by

Date: 21 October 2009

Gilles Catala,
Regulatory Manager
Intel Mobile Wireless Group

Intel Corporation
1681, Rte des Dolines
LES TAISSOUNIÈRES - B.P. 293
06905 SOPHIA ANTIPOLIS
Tél. : 04 93 00 14 00
Fax : 04 93 00 14 01
SIRET 302 456 199 00074

Intel Corporation SAS
1681 Route des Dolines
BP 293
06905 Sophia-Antipolis Cedex
France
Tél. +33 (0)4 93 00 14 00
Fax +33 (0)4 93 00 14 01
Internet www.intel.fr

For model: BCM943227HM4L

190 Mathilda Place, Sunnyvale, CA 94086. Tel: 408 543 3300, Fax 408 543 3399

Declaration of Conformity

We

Broadcom Corporation
190 Mathilda Place
Sunnyvale, CA 94086
USA

Contact: Daniel Lawless
Tel: +1 408 922 5870
Fax: +1 408 543 3399

Hereby declare under our sole responsibility that the product:

Product Name: Broadcom 802.11bgn WLAN PCI-E Mini Card
Model No: BCM943227HM4L

To which this declaration relates, is in conformity with the following standards and/or other normative documents:

EN 300 328 V1.7.1 (2006-10)
EN 301 489-1 V1.8.1 (2008-04)
EN 301 489-17 V2.1.1 (2009-05)
EN 60950-1: 2006 2nd edition + A11: 2009
EN 62311: 2008

We hereby declare that all essential radio test suites have been carried out and that the above named product is in conformity with all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10(5) and detailed in Annex IV of Directive 1999/5/EC has been followed with the involvement of the following Notified Body:

Elliott Labs - An NTS Company (ID# 2155)

November 19, 2010

Daniel Lawless
Senior Manager, Compliance Engineering
Broadcom Corporation

Notice for users in Croatia

For model: BCM92070MD_REF

REPUBLIKA HRVATSKA

HRVATSKA AGENCIJA ZA

POŠTU I ELEKTRONIČKE KOMUNIKACIJE

*Jurišićeva 13, p.p. 162, 10 000 ZAGREB, **MB: 01865862***

Tel: (01) 4896 000, (01) 4673 579, Fax: (01) 4920 227, web: www.telekom.hr

Klasa: 344-01/09-02/228
Ur. broj: 376-10/MS-09-2

POTVRDA O SUKLADNOSTI

CERTIFICATE OF CONFORMITY

Broj: 0237/09
No.:

Podnositelj zahtjeva: *Applicant:* **Broadcom Corporation**
190 Mathilda Place, Sunnyvale, CA 94086, USA

Vrsta opreme: *Equipment category:* **Bluetooth radijski modul**
Bluetooth Radio Module

Tipska oznaka opreme: *Equipment type designation:* **BCM92070MD_REF**

Proizvođač opreme: *Equipment manufacturer:* **Broadcom Corporation**
190 Mathilda Place, Sunnyvale, CA 94086, USA

Dostavljena dokumentacija:
Submitted documentation:

Norme *Standards*	Ispitni izvještaji ili certifikati *Test reports or Certificates*	Ispitni laboratorij *Test laboratory*
IEC 60950-1: 2001; EN 60950-1: 2001+ A11 : 2004;	08U12247-6;	COMPLIANCE CERTIFICATION SERVICES;
EN 301 489-17 v1.3.2; EN 301 489-1 v1.8.1;	08U12247-4 Rev A;	
EN 300 328 v1.7.1;	08U12247-14;	

Nakon što je razmotrena gore navedena dostavljena dokumentacija, utvrđeno je da je sukladnost gore navedene opreme s bitnim zahtjevima iz članka 4. Pravilnika o radijskoj opremi i telekomunikacijskoj opremi (NN 112/08) pravilno dokazana. Punu odgovornost za gore navedenu dostavljenu dokumentaciju preuzima podnositelj zahtjeva.
Having considered above mentioned submitted documentation, it is determined that conformity of the above mentioned equipment with essential requirements of Article 4. of Ordinance on radio equipment and telecommunications terminal equipment (OG 112/08) has been properly demonstrated. Full responsibility for above mentioned submitted documentation takes an applicant.

Zagreb, 24.03.2009.
Mjesto i Datum
Place and Date

RAVNATELJ AGENCIJE

dr. sc. Dražen Lučić

Žig i potpis
Seal and Sign

For model: BCM94313HMG2L

KLASA: 344-01/09-02/474
URBROJ: 376-10/MS-09-2

POTVRDA O SUKLADNOSTI
CERTIFICATE OF CONFORMITY

Broj: 0881/09
No.:

Podnositelj zahtjeva: *Applicant:* **Broadcom Corporation**
190 Mathilda Place, Sunnyvale, CA 94086, USA

Vrsta opreme: *Equipment category:* **IEEE 802.11g/Nacrt n WLAN PCI-E mini kartica**
IEEE 802.11g/Draft n WLAN PCI-E Mini Card

Tipska oznaka opreme: *Equipment type designation:* **BCM94313HMG2L**

Proizvođač opreme: *Equipment manufacturer:* **Broadcom Corporation**
190 Mathilda Place, Sunnyvale, CA 94086, USA

Dostavljena dokumentacija:
Submitted documentation:

Norme *Standards*	Ispitni izvještaji ili certifikati *Test reports or Certificates*	Ispitni laboratorij *Test laboratory*
IEC 60950-1:2001; EN 60950-1:2001+A11:2004;	09U12836-7;	Compliance Certification Services Inc.;
EN 301 489-17 v1.3.2;	09U12836-4;	
EN 300 328 v1.7.1;	09U12836-3;	

Nakon što je razmotrena gore navedena dostavljena dokumentacija, utvrđeno je da je sukladnost gore navedene opreme s bitnim zahtjevima iz članka 4. Pravilnika o radijskoj opremi i telekomunikacijskoj opremi (NN 112/08) pravilno dokazana. Punu odgovornost za gore navedenu dostavljenu dokumentaciju preuzima podnositelj zahtjeva.
Having considered above mentioned submitted documentation, it is determined that conformity of the above mentioned equipment with essential requirements of Article 4. of Ordinance on radio equipment and telecommunications terminal equipment (OG 112/08) has been properly demonstrated. Full responsibility for above mentioned submitted documentation takes an applicant.

Zagreb, 14.10.2009.

Mjesto i Datum
Place and Date

HRVATSKA AGENCIJA ZA POŠTU I ELEKTRONIČKE KOMUNIKACIJE
Jurišićeva 13, 10000 Zagreb / MB: 01865862 / Tel: (01) 4896 000, Fax: (01) 4920 227 / www.hakom.hr

For model: AR5B95

REPUBLIKA HRVATSKA
HRVATSKA AGENCIJA ZA
POŠTU I ELEKTRONIČKE KOMUNIKACIJE
Jurišićeva 13, p.p. 162, 10 000 ZAGREB, MB: 01865862
Tel: (01) 4896 000, (01) 4673 579, Fax: (01) 4920 227, web: www.telekom.hr

Klasa: 344-01/09-02/329
Ur. broj: 376-10/MS-09-2

POTVRDA O SUKLADNOSTI
CERTIFICATE OF CONFORMITY

Broj: 0469/09
No.:

Podnositelj zahtjeva: *Applicant:* **ISTRA-KONTROL d.o.o.** Istarska 3, 52212 Fažana

Vrsta opreme: *Equipment category:* **IEEE 802.11n WLAN PCIe Mini kartica** *IEEEE 802.11n WLAN PCIe MiniCard*

Tipska oznaka opreme: *Equipment type designation:* **AR5B95**

Proizvođač opreme: *Equipment manufacturer:* **Atheros Communications, Inc.** 5480 Great America Parkway, Santa Clara, CA 95054, USA

Dostavljena dokumentacija:
Submitted documentation:

Norme *Standards*	Ispitni izvještaji ili certifikati *Test reports or Certificates*	Ispitni laboratorij *Test laboratory*
EN 60950-1:2001+A11:2004; IEC 60950-1:2001;	81029005-LV;	Compliance Certification Services Inc.;
ETSI EN 301 489-1 v1.6.1:2005; ETSI EN 301 489-17 v1.2.1:2002;	81029005-RE;	
ETSI EN 300 328 v1.7.1: 2006;	81029005-RT1;	

Nakon što je razmotrena gore navedena dostavljena dokumentacija, utvrđeno je da je sukladnost gore navedene opreme s bitnim zahtjevima iz članka 4. Pravilnika o radijskoj opremi i telekomunikacijskoj opremi (NN 112/08) pravilno dokazana. Punu odgovornost za gore navedenu dostavljenu dokumentaciju preuzima podnositelj zahtjeva.
Having considered above mentioned submitted documentation, it is determined that conformity of the above mentioned equipment with essential requirements of Article 4. of Ordinance on radio equipment and telecommunications terminal equipment (OG 112/08) has been properly demonstrated. Full responsibility for above mentioned submitted documentation takes an applicant.

Zagreb, 15.06.2009.
Mjesto i Datum
Place and Date

RAVNATELJ AGENCIJE
Mr. sc. Dražen Lučić
Pečat i potpis
Stamp and Sign

For model: AR5B97

KLASA: 344-01/09-02/440
URBROJ: 376-10/KĆ-09-3

POTVRDA O SUKLADNOSTI
CERTIFICATE OF CONFORMITY

Broj: 0932/09
No.:

Podnositelj zahtjeva: *Applicant:* **ISTRA-KONTROL d.o.o.**
Istarska 3, 52212 Fažana

Vrsta opreme: *Equipment category:* **IEEE 802.11n WLAN PCIe Mini kartica**
IEEEE 802.11n WLAN PCIe MiniCard

Tipska oznaka opreme: *Equipment type designation:* **AR5B97**

Proizvođač opreme: *Equipment manufacturer:* **Atheros Communications, Inc.**
5480 Great America Parkway, Santa Clara, CA 95054, USA

Dostavljena dokumentacija:
Submitted documentation:

Norme *Standards*	Ispitni izvještaji ili certifikati *Test reports or Certificates*	Ispitni laboratorij *Test laboratory*
EN 60950-1:2006	LD980630H04;	Bureau Veritas Consumer Products Services (H.K.) Ltd.;
EN 301 489-1 V1.8.1:2008; EN 301 489-17 V1.3.2:2008;	RM980630H04;	
EN 300 328 V1.7.1:2006;	RE980630H04;	

Nakon što je razmotrena gore navedena dostavljena dokumentacija, utvrđeno je da je sukladnost gore navedene opreme s bitnim zahtjevima iz članka 4. Pravilnika o radijskoj opremi i telekomunikacijskoj opremi (NN 112/08) pravilno dokazana. Punu odgovornost za gore navedenu dostavljenu dokumentaciju preuzima podnositelj zahtjeva.
Having considered above mentioned submitted documentation, it is determined that conformity of the above mentioned equipment with essential requirements of Article 4. of Ordinance on radio equipment and telecommunications terminal equipment (OG 112/08) has been properly demonstrated. Full responsibility for above mentioned submitted documentation takes an applicant.

Zagreb, 21.09.2009.
Mjesto i Datum
Place and Date

RAVNATELJ
Dražen Lučić
Žig i potpis
Seal and Sign

HRVATSKA AGENCIJA ZA POŠTU I ELEKTRONIČKE KOMUNIKACIJE

For model: 112BNHMW

REPUBLIKA HRVATSKA
HRVATSKA AGENCIJA ZA
POŠTU I ELEKTRONIČKE KOMUNIKACIJE
*Jurišićeva 13, p.p. 162, 10 000 ZAGREB, **MB: 01865862***
Tel: (01) 4896 000, (01) 4673 579, Fax: (01) 4920 227, web: www.telekom.hr

Klasa: 344-01/09-02/338
Ur. broj: 376-10/TB-09-2

POTVRDA O SUKLADNOSTI

CERTIFICATE OF CONFORMITY

Broj: 0687/09
No.:

Podnositelj zahtjeva: **Intel Corporation S.A.S.**
Applicant: 1681 Route des Dolines, BP 293, Les Taissounieres, 06905 Route des Dolines

Vrsta opreme: **WLAN (IEEE 802.11a/b/g/Draft N) PCIe Half Mini kartica**
Equipment category: *WLAN (IEEE 802.11a/b/g/Draft N) PCIe Half Mini Card*

Tipska oznaka opreme: **Intel® WiFi Link 1000 (112BNHMW)**
Equipment type designation:

Proizvođač opreme: **Intel Corporation SAS**
Equipment manufacturer: 1681 Route des Dolines, Les Taissounieres, B.P.293, 06905 Sophia Antipolis, France

Dostavljena dokumentacija:
Submitted documentation:

Norme *Standards*	Ispitni izvještaji ili certifikati *Test reports or Certificates*	Ispitni laboratorij *Test laboratory*
IEC 60950-1:2005, 2nd Edition; EN 60950-1:2006;	128507;	Nemko USA, Inc.;
IEC 62209-2:2008;	09042703.r05;	TÜV Rheinland EPS B.V.;
EN 301 489-1 v1.8.1; EN 301 489-17 v1.3.2;	09042703.e01;	
EN 300 328 v1.7.1:2006;	09042703.r01;	

Nakon što je razmotrena gore navedena dostavljena dokumentacija, utvrđeno je da je sukladnost gore navedene opreme s bitnim zahtjevima iz članka 4. Pravilnika o radijskoj opremi i telekomunikacijskoj opremi (NN 112/08) pravilno dokazana. Punu odgovornost za gore navedenu dostavljenu dokumentaciju preuzima podnositelj zahtjeva.
Having considered above mentioned submitted documentation, it is determined that conformity of the above mentioned equipment with essential requirements of Article 4. of Ordinance on radio equipment and telecommunications terminal equipment (OG 112/08) has been properly demonstrated. Full responsibility for above mentioned submitted documentation takes an applicant.

RAVNATELJ AGENCIJE
dr. sc. Dražen Lučić

Zagreb, 19.06.2009.
Mjesto i Datum
Place and Date

Žig i potpis
Seal and Sign

For model: BCM943227HM4L

HAKOM

KLASA: 344-01/10-02/563
URBROJ: 376-14/KĆ-10-2

POTVRDA O SUKLADNOSTI

CERTIFICATE OF CONFORMITY

Broj: 1439/10
No.:

Podnositelj zahtjeva: **Broadcom Corporation**
Applicant: 190 Mathilda Place, Sunnyvale, CA 94086, USA

Vrsta opreme: **WLAN (IEEE 802.11b/g/n) PCI-E mini kartica**
Equipment category: *WLAN (IEEE 802.11b/g/n) PCI-E Mini Card*

Tipska oznaka opreme: **BCM943227HM4L**
Equipment type designation:

Proizvođač opreme: **Broadcom Corporation**
Equipment manufacturer: 190 Mathilda Place, Sunnyvale, CA 94086, USA

Dostavljena dokumentacija:
Submitted documentation:

Norme *Standards*	Ispitni izvještaji ili certifikati *Test reports or Certificates*	Ispitni laboratorij *Test laboratory*
EN 60950-1:2006;	R81145;	Elliott an NTS Company;
EN 301 489-1 v1.8.1:2008; EN 301 489-17 V2.1.1:2009;	R81156;	Elliott Laboratories-EMC Department;
	T80891;	
ETSI EN 300 328 v1.7.1;	R81166 Rev 1;	
	T81124;	

Nakon što je razmotrena gore navedena dostavljena dokumentacija, utvrđeno je da je sukladnost gore navedene opreme s bitnim zahtjevima iz članka 4. Pravilnika o radijskoj opremi i telekomunikacijskoj opremi (NN 112/08) pravilno dokazana. Punu odgovornost za gore navedenu dostavljenu dokumentaciju preuzima podnositelj zahtjeva.
Having considered above mentioned submitted documentation, it is determined that conformity of the above mentioned equipment with essential requirements of Article 4. of Ordinance on radio equipment and telecommunications terminal equipment (OG 112/08) has been properly demonstrated. Full responsibility for above mentioned submitted documentation takes an applicant.

Zagreb, 03.12.2010.

Mjesto i Datum
Place and Date

RAVNATELJ
dr. sc. Dražen Lučić

HRVATSKA AGENCIJA ZA POŠTU I ELEKTRONIČKE KOMUNIKACIJE

Jurišićeva 13, 10000 Zagreb / MB: 01865862 / OIB: 87950783661 / Tel: (01) 4896 000, Fax: (01) 4920 227 / www.hakom.hr

Notice for users in Taiwan

For models: AR5B95, AR5B97 , 622ANXHMW, 612BNXHMW, BCM943227HM4L, 112BNHMW, BCM94313HMG2L, BCM92070MD_REF

低功率電波輻射性電機管理辦法

第十二條　經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條　低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

在5.25-5.35秭赫頻帶內操作之無線資訊傳輸設備，限於室內使用。

Lenovo の内蔵アダプターを日本国内でご使用になる際の注意

日本国内で無線 LAN アダプターおよび *Bluetooth* アダプターをご使用になる場合の注意

本製品が装備する無線アダプターは電波法および電気通信事業法により技術基準認証を取得している下記の機器です。

無線 LAN アダプターの場合

認証製品名：	AR5B95	BCM94313HMG2L	BCM943227HM4L
認証申請者名：	Antheros Communications, Inc.	Broadcom Corporation	Broadcom Corporation
認証番号：	003GZA081037 003WWA081036 D081038003	003GZA091049 003WWA091048 D091186003	201GZ10215370 201WW10215366 D105016201

認証製品名：	112BNHMW	622ANXHMW	612BNXHMW
認証申請者名：	Intel Corporation	Intel Corporation	Intel Corporation
認証番号：	003WWA090376 D090380003	003WWA090836 003XWA090837 003YWA090838 003IVA090949 D090856003	003WWA100894 003IVA100897

認証製品名：	AR5B97
認証申請者名：	Antheros Communications, INC.
認証番号：	003WWA090770 D090786003

Bluetooth アダプターの場合

認証製品名：	BCM92070MD_REF
認証申請者名：	Broadcom Corporation
認証番号：	003WWA090043

本製品に組み込まれた無線設備を他の機器で使用する場合は、当該機器が上記と同じく認証を受けていることをご確認ください。認証されていない機器での使用は、電波法の規定により認められていません。

(5 GHz の場合)
ご使用の Lenovo に IEEE802.11a/n 準拠の無線機器が搭載されている場合は、5.15-5.35 GHz 周波数帯での使用は、電波法の規定により屋内に限られます（屋外での使用は禁じられています)。

(2.4 GHz の場合)
この機器の使用周波数帯では、電子レンジ等の産業・科学・医療用機器のほか工場の製造ライン等で使用されている移動体識別用の構内無線局（免許を要する無線局）および特定小電力無線局（免許を要しない無線局）並びにアマチュア無線局（免許を要する無線局）が運用されています。

1. この機器を使用する前に、近くで移動体識別用の構内無線局及び特定小電力無線局並びにアマチュア無線局が運用されていないことを確認してください。

2. 万一、この機器から移動体識別用の構内無線局に対して電波干渉の事例が発生した場合には、速やかに使用周波数を変更するかまたは電波の発射を停止した上で、下記連絡先にご連絡頂き、混信回避のための処置等についてご相談ください。
3. その他、この機器からの移動体識別用の特定小電力無線局あるいはアマチュア無線局に対して有害な電波干渉の事例が発生した場合など何かお困りのことが起きたときには、次の連絡先にお問い合わせください。

連絡先：スマートセンター（スマートセンターのご利用方法は、次のホームページでご確認頂けます。
http://www.ibm.com/jp/pc/support/contact/smartctr/）

無線 LAN アダプター（IEEE802.11b/g 準拠）の場合

2.4DS/OF4

この機器が、2.4GHz 周波数帯（2400 から 2483.5MHz）を使用する直接拡散（DS）方式および直交周波数分割多重方式（OFDM）の無線装置で、干渉距離が約 40m（定格出力 10mW/MHz）であることを意味しています。

Bluetooth アダプターの場合

2.4FH1

この機器が、2.4GHz 周波数帯（2400 から 2483.5MHz）を使用する周波数ホッピング（FH）方式の無線装置で、干渉距離が約 10m であることを意味します。

以上の内容は、「社団法人　電波産業会」ARIB STD-T66 の主旨に基づくものです。

無線 LAN 製品ご使用時におけるセキュリティに関するご注意

無線 LAN では、LAN ケーブルを使用する代わりに、電波を利用してパソコン等と無線アクセスポイント間で情報のやり取りを行うため、電波の届く範囲であれば自由に LAN 接続が可能であるという利点があります。その反面、電波はある範囲内であれば障害物（壁等）を越えてすべての場所に届くため、セキュリティに関する設定を行っていない場合、以下のような問題が発生する可能性があります。

・ 通信内容を盗み見られる　悪意ある第三者が、電波を故意に傍受し、
  - ID やパスワード又はクレジットカード番号等の個人情報
  - メールの内容
  等の通信内容を盗み見られる可能性があります。
・ 不正に侵入される 悪意ある第三者が、無断で個人や会社内のネットワークへアクセスし、
  - 個人情報や機密情報を取り出す（情報漏洩）
  - 特定の人物になりすまして通信し、不正な情報を流す（なりすまし）
  - 傍受した通信内容を書き換えて発信する（改ざん）
  - コンピュータウィルスなどを流しデータやシステムを破壊する（破壊）
  などの行為をされてしまう可能性があります。

本来、無線 LAN カードや無線アクセスポイントは、これらの問題に対応するためのセキュリティの仕組みを持っていますので、無線 LAN 製品のセキュリティに関する設定を行って製品を使用することで、その問題が発生する可能性は少なくなります。
セキュリティの設定を行わないで使用した場合の問題を充分理解した上で、お客様自身の判断と責任においてセキュリティに関する設定を行い、製品を使用することをお奨めします。

Notice for users in Korea

For models: AR5B95, AR5B97, BCM943227HM4L, 112BNHMW, BCM94313HMG2L, BCM92070MD_REF
Please note that this device has been certified for residential use and may be used in any environment.

당해 무선설비는 운용중 전파혼신 가능성이 있음.

(It means that this wireless device may cause radio wave interference during operation)

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Other company, product, or service names may be trademarks or service marks of others.